

WHAT IS CLAIMED IS:

1. A system for managing the operation status of equipment, comprising:

a management apparatus for notifying a center
5 about the operation status of equipment;

wherein said management apparatus comprises:
storage means for storing identification
numbers which correspond to operation statuses of
equipment, and

10 transmission means for transmitting to a
communications apparatus an identification number
according to the operation status of equipment.

2. The system for managing the operation
15 status of equipment according to claim 1, wherein:
said transmission means transmits said
identification number by radio.

3. The system for managing the operation
20 status of equipment according to claim 1, wherein:
said transmission means transmits said
identification number as the calling number of a
call-in message.

25 4. The system for managing the operation
status of equipment according to claim 1, wherein:
said transmission means makes said transmission

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each time the operation status of said equipment changes.

5. The system for managing the operation
5 status of equipment according to claim 1, wherein:
said communications apparatus is a wireless
communications apparatus, and

when said communications apparatus enters a
wireless service area from out of the area,
10 identification numbers which correspond to the
operation statuses of the equipment yet to be
reported to said communications apparatus are
transmitted all together.

15 6. The system for managing the operation
status of equipment according to claim 5, wherein:

before the operation statuses of the equipment
yet to be reported to said communications apparatus
are transmitted all together, said communications
20 apparatus and said management apparatus are put into
Communicating status.

7. The system for managing the operation
status of equipment according to claim 1, wherein:
25 said storage means stores identification
numbers corresponding to operation statuses of
individual pieces of equipment; and

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said transmission means transmits stored identification numbers for said individual pieces of equipment.

- 5 8. The system for managing the operation status of equipment according to claim 1, wherein said communications apparatus comprises:

storage means for storing operation statuses of equipment and their identification numbers by
10 associating them with each other; and

display means for displaying operation status according to the identification number transmitted from said management apparatus.

- 15 9. The system for managing the operation status of equipment according to claim 8, wherein said display means also displays the identification number transmitted from said management apparatus.

- 20 10. The system for managing the operation status of equipment according to claim 8, wherein said storage means stores said operation statuses of equipment and their identification numbers by associating them with each other using a telephone
25 directory function.

11. The system for managing the operation

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status of equipment according to claim 8, wherein

said storage means stores identification
numbers corresponding to operation statuses of
individual pieces of equipment; and

5 said display means displays or does not display
said operation statuses depending on equipment.

12. The system for managing the operation
status of equipment according to claim 1, wherein
10 said management apparatus gathers the operation
statuses of multiple pieces of equipment and notifies
said center about them.

13. The system for managing the operation
15 status of equipment according to claim 12, wherein
the operation statuses of the multiple pieces of
equipment are gathered through wireless
communications with connection devices connected with
respective pieces of equipment.

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14. A system for managing the operation status
of equipment, comprising:

a management apparatus for notifying a center
about the operation status of equipment;

25 wherein said management apparatus comprises:

storage means for storing identification
information which corresponds to operation statuses

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of equipment, and

calling means for calling a communications apparatus using identification information according to the operation status of equipment.

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15. A system for managing the operation status of equipment, comprising:

a management apparatus for notifying a center about the operation status of equipment;

10 wherein said management apparatus comprises:

registration means for registering a specific communications apparatus; and

notification means for notifying said communications apparatus about the operation status
15 of equipment when said communications apparatus registered by said registration means enters a wireless service area of said management apparatus from out of the area.

20 16. A control apparatus for managing the operation status of equipment, comprising:

storage means for storing identification information which corresponds to operation statuses of equipment, and

25 transmission means for transmitting to a communications apparatus an identification number according to the operation status of equipment.

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17. A control apparatus for managing the operation status of equipment, comprising:

storage means for storing identification information which corresponds to operation statuses
5 of equipment, and

calling means for calling a communications apparatus using identification information according to the operation status of equipment.

10 18. A control apparatus for managing the operation status of equipment, comprising:

registration means for registering a specific communications apparatus; and

notification means for notifying said
15 communications apparatus about the operation status of equipment when said communications apparatus registered by said registration means enters a wireless service area of said management apparatus from out of the area.

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19. A communications apparatus, comprising:

storage means for storing identification numbers which correspond to operation statuses of equipment, and

25 reception means for receiving an identification number for identifying the operation status of said equipment from a control apparatus used to manage the

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operation status of said equipment.

display means for displaying stored operation status according to the identification number received from said management apparatus.

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20. The communications apparatus according to claim 19, wherein said reception means receives a calling number contained in a call-in message, as an identification information.

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21. The communications apparatus according to claim 19, wherein said reception means receives said identification number after a call-in response.

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22. A method for managing the operation status of equipment, comprising a step of storing identification numbers which correspond to operation statuses of equipment and transmitting to a communications apparatus an identification number according to the operation status of equipment.

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23. A method for managing the operation status of equipment, comprising a step of storing identification numbers which correspond to operation statuses of equipment and calling a communications apparatus using an identification number according to the operation status of equipment.

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24. A method for managing the operation status of equipment, comprising a step of notifying a communications apparatus about the operation status of equipment when said communications apparatus
5 registered with a control apparatus for managing the operation status of equipment enters a wireless service area of a management apparatus from out of the area.

10 25. A method for displaying the operation status of equipment, comprising a step of displaying stored operation status according to the identification number received when receiving an identification number for identifying the operation
15 status of said equipment from a control apparatus used to manage the operation status of equipment.

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